Index of Claims



Application/Control No.

09/621,830 Examiner

Cheryl Juska

Applicant(s)/Patent under Reexamination

ABRAMS, LOUIS BROWN

Art Unit

1771

| <b>√</b> | Rejected |  |
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| 1        | Allowed  |  |

- (Through numeral)
Cancelled

Restricted

Non-Elected

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A Appeal
O Objected

| <u> </u> | . i              | Date     |            |   |          |          |  |            | Claim     |            |          |          |          |          |   |          |          | Olei     |          |          |  |           |          |        |            |          |           |          |
|----------|------------------|----------|------------|---|----------|----------|--|------------|-----------|------------|----------|----------|----------|----------|---|----------|----------|----------|----------|----------|--|-----------|----------|--------|------------|----------|-----------|----------|
| Cla      | aim<br>I         |          |            |   |          |          |  | $\dashv$   | -  '      | Claim Date |          |          |          |          |   |          | $\dashv$ | Claim    |          |          | <del>                                     </del> |           |          |        |            |          |           |          |
| Final    | Original         | 11/12/06 |            |   |          |          |  |            |           |            | 100      | בוומ     | Original | 11/12/06 |   |          |          |          |          |          |  |           | Final    |        | Original   |          |           |          |
|          | 1                | =        |            |   |          |          |  |            |           | 彐          |          | T        | 51       | =        |   |          |          |          |          |          | $\neg$   | ╗         |          | T      | 101        | $\neg$   | $\neg$    | Γ        |
|          | 2                | =        |            |   |          |          |  |            |           |            |          | Ī        | 52       | =        |   |          |          |          |          |          | $\neg$   | ╗         |          |        | 102        | $\neg$   | $\neg$    | Γ        |
|          | 3                | •        |            |   |          |          |  |            |           |            |          |          | 53       | 4        |   |          |          |          | Г        |          | 7  |           |          | ┰      | 103        | 寸        |           | Γ        |
|          | 4                | =        |            |   |          |          |  |            |           |            |          |          | 54       | =        |   |          |          |          |          |          |  |           |          |        | 104        |          |           |          |
|          | 5                |          |            |   |          |          |  |            |           |            |          |          | 55       | 11       |   |          |          |          |          |          | $\Box$   |           |          | Т      | 105        |          |           | Π        |
| <u></u>  | 6                |          |            |   |          |          |  |            |           |            |          |          | 56       | 11       |   |          |          |          |          |          |  |           |          | T      | 106        | T        |           |          |
|          | 1                |          |            |   |          |          |  |            |           |            |          |          | 57       | 1111     |   |          |          |          |          |          |  |           |          |        | 107        |          |           | Π        |
|          | -8               |          |            |   |          | L        | L  |            |           |            |          |          | 58       | 11       |   |          |          |          |          |          |  |           |          |        | 108        |          |           |          |
|          | 1                |          |            |   | _        | <u> </u> |  |            |           |            | <u> </u> |          | 59       |          |   |          |          |          |          |          | $\perp$  | _]        |          |        | 109        |          |           |          |
|          | 1D               | <u> </u> |            |   | <u> </u> | _        | L  | _          |           |            | <u> </u> |          | 60       | 11       |   |          |          |          | L        | Ш        | $\Box$   | _         |          |        | 110        |          |           |          |
|          | 11               | _        |            |   | <u> </u> |          | L.   | Щ          |           | _          |          |          | 61       | Ξ        |   |          |          |          |          |          | $\dashv$   | _         |          |        | 111        |          |           | L        |
| <u></u>  | 12               | ļ        | lacksquare |   | <u> </u> | <b>L</b> | L_   |            |           |            | <u> </u> | _        | 62       | 4        | _ | L        | L_       | Щ        |          | $\Box$   | $\dashv$   | _         | $\vdash$ |        | 112        |          |           |          |
| <u> </u> | 13               | _        | $\vdash$   |   | <u> </u> | <u> </u> | <u> </u>   | $\vdash$   | $\square$ | _          | <u> </u> | _        | 63       | 4        |   | Ш        |          | L.       | L        |          | _  | _         | <u>_</u> |        | 113        | _        | _         | L        |
|          | <b>1</b> 4<br>15 | _        |            |   | <u> </u> | _        |  |            |           | _          | <u> </u> | _        | 64       | Ш        |   |          |          |          |          |          | _  | _         | $\perp$  |        | 114        | _        | _         | ·        |
|          |                  | _        |            |   | <u> </u> |          |  | <u> </u>   |           | _          | ļ        | _        | 65       |          |   |          |          |          | _        |          | 4  | _         |          |        | 115        | _        | _         | <u>_</u> |
| $\vdash$ | 15               | <u> </u> |            |   | <u> </u> |          |  | Ш          | $\dashv$  | -          | -        | -        | 66       | Щ        |   |          |          |          |          |          | _  | _         | <u> </u> |        | 116        | _        | _         | _        |
| <u> </u> | 40               | _        | _          |   | <u> </u> |          |  | <u> </u>   | -         | _          | <u> </u> | -        | 67       | Н        |   |          |          | <u> </u> |          |          | _  | _         | -        |        | 117        |          |           | _        |
| <u> </u> | 18               | -        |            |   | <u> </u> |          |  | _          | $\dashv$  | 4          | _        | _        | 68       | Ш        |   |          |          | <u> </u> |          |          | 4  | _         | $\perp$  |        | 118        |          |           | L        |
| <u> </u> | 19               | =        |            |   |          |          | _  | lacksquare | $\dashv$  | 4          | -        | _        | 69       | Н        |   |          |          |          | _        |          | $\dashv$   | 4         | <u> </u> |        | 119        |          |           | L        |
|          | 20               | =        | <u> </u>   | _ | -        | _        | -  |            | $\dashv$  |            | <u> </u> | _        | 70       |          |   |          |          |          | ļ        |          |  | _         | <u> </u> |        | 120        | _        | _         | L        |
| <u> </u> | 21<br>22         | =        |            |   |          |          | -  | <u> </u>   | -         | -          | -        | _        | 71       | H        |   |          |          |          | _        |          | _  |           | -        |        | 121        | _        | _         | L        |
| -        |                  | =        | $\vdash$   |   | $\vdash$ |          | -  | -          | $\dashv$  | -1         | -        | -        | 72       | Н        |   | -        |          | $\vdash$ |          |          | -  | -         | -        |        | 122        | -        | _         | <u> </u> |
| -        | 23               | =        | _          |   | _        |          | ⊢  | -          | $\dashv$  | -          | -        |          | 73       | Н        |   |          |          | <u> </u> | _        |          | -  | _         | -        |        | 123        | -        |           | <u> </u> |
| <u> </u> | 25               | =        |            |   | <u> </u> |          |  | -          | -         | $\dashv$   | $\vdash$ | -        | 74<br>75 | H        | _ |          |          | <u> </u> | -        | -        |  | -         | <u> </u> |        | 124        | -        | $\dashv$  | <u> </u> |
| -        | 26               | =        |            | _ | -        |          |  | H          |           | $\dashv$   | $\vdash$ | -        |          | Н        |   |          |          | _        | _        | $\dashv$ | $\dashv$   | $\dashv$  |          | +      | 125        | -        | $\dashv$  | H        |
| $\vdash$ | 27               | 7        | $\vdash$   | _ |          |          | -  | Н          |           |            | $\vdash$ | -        | 76<br>77 |          | - | -        |          | $\vdash$ | $\vdash$ | $\dashv$ | $\dashv$   | $\dashv$  | -        |        | 126<br>127 | -        | -         | H        |
| <b>—</b> | 28               | -        |            |   | ┝        |          | -  | Н          | -         | $\dashv$   | -        | -1       | 78       | Н        |   |          |          | _        | _        | $\dashv$ | $\dashv$   | $\dashv$  | -        |        | 128        |          |           | -        |
| -        | 29               | =        | $\vdash$   |   |          |          | 1  | Н          |           | $\dashv$   | $\vdash$ |          | 79       | Н        | _ |          |          |          | H        | $\dashv$ | $\dashv$   | $\dashv$  | -        |        | 129        | $\dashv$ | $\dashv$  | H        |
|          | 30               | u        |            | _ |          | -        |  | Н          |           | $\dashv$   | -        | -        | 80       | $\vdash$ |   | $\vdash$ | _        | -        |          | $\dashv$ | $\dashv$   | $\dashv$  | $\vdash$ |        | 130        | $\dashv$ |           | H        |
|          | 31               | 1 11     |            | _ | -        |          |  | Н          |           | $\dashv$   | -        |          | 81       | Н        |   |          |          | $\vdash$ | -        |          | $\dashv$   | $\dashv$  | $\vdash$ |        | 131        | $\dashv$ |           | _        |
|          | 32               | 1        |            | _ |          |          |  | Н          |           | $\dashv$   | $\vdash$ | $\dashv$ | 82       | $\vdash$ |   |          |          |          |          | $\dashv$ | $\dashv$   | $\dashv$  | -        |        | 132        | $\dashv$ | $\dashv$  | _        |
|          | 33               | 9        |            |   | -        | -        | <del>                                     </del> |            |           | $\dashv$   | -        |          | 83       | Н        | - |          | _        | _        |          | T        | -  | $\dashv$  | -        |        | 133        | +        |           | _        |
|          | 34               | 1        |            |   | <u> </u> |          |  | H          |           | $\dashv$   |          | -        | 84       | H        |   | Н        | Н        |          |          | $\dashv$ | $\dashv$   | $\dashv$  | $\vdash$ |        | 134        | +        | $\dashv$  | Г        |
|          | 35               | 1        |            |   |          |          |  | П          |           | $\dashv$   | $\vdash$ | 7        | 85       | Н        |   | $\vdash$ |          |          |          | $\dashv$ | $\dashv$   | $\dashv$  |          |        | 135        | $\dashv$ | _         | Γ        |
|          | 36               | =        |            |   | Г        |          |  | П          |           | $\neg$     |          | 7        | 86       | П        |   |          |          |          |          | $\neg$   | $\dashv$   | $\dashv$  |          |        | 136        | _        | $\neg$    |          |
|          | 37               | =        |            |   |          | Г        |  | П          |           | $\neg$     |          | 1        | 87       | П        |   | П        | $\Box$   | П        |          |          | $\dashv$   | $\neg$    |          |        | 137        | $\dashv$ | $\neg$    | Г        |
|          | 38               | 1)       |            |   |          |          | ļ —  | П          |           |            |          |          | 88       | П        |   |          |          |          |          |          | $\dashv$   | $\neg$    |          |        | 138        | $\dashv$ | $\exists$ | Γ        |
|          | 25               |          |            |   |          |          |  | П          |           |            |          | ┪        | 89       | П        |   | П        |          | П        | П        |          | ヿ  |           |          |        | 139        | _        | ╗         | Γ        |
|          | 40               | -        |            |   |          |          |  | П          |           |            |          | $\dashv$ | 90       | М        |   | П        |          |          |          |          | $\dashv$   | $\exists$ |          |        | 140        | 寸        |           |          |
|          | 41               | И        |            |   |          |          |  |            |           |            |          |          | 91       |          |   |          |          | П        |          |          | 寸  |           |          |        | 141        | $\neg$   | $\neg$    | Γ        |
|          | 42               | \        |            |   |          |          |  |            |           |            |          |          | 92       |          |   |          |          |          |          |          | $\Box$   | 7         |          | $\top$ | 142        | $\neg$   |           |          |
|          | 42               |          |            |   |          |          |  |            |           |            |          |          | 93       |          |   |          |          |          |          |          | 寸  |           |          | T      | 143        | T        | $\neg$    | Γ        |
|          | 44               | ı        |            |   |          |          |  |            |           |            |          |          | 94       |          |   |          |          |          |          |          |  |           |          |        | 144        |          |           | Γ        |
|          | 45               | 11       |            |   |          |          |  |            |           |            |          |          | 95       |          |   |          |          |          |          |          |  |           |          | T      | 145        |          |           | Ī        |
|          | 46               | ø        |            |   |          |          |  |            |           |            |          |          | 96       |          |   |          |          |          |          |          | $\Box$   |           |          | T      | 146        | $\Box$   |           | Ī        |
|          | ATT              |          |            |   |          |          |  |            |           |            |          |          | 97       |          |   |          |          |          |          |          |  |           |          | $\top$ | 147        |          |           | Ī        |
|          | 48               | n        |            |   |          |          |  |            |           |            |          |          | 98       |          |   |          |          |          |          |          |  |           |          |        | 148        |          |           |          |
|          | 40               |          |            |   |          |          |  |            |           |            |          |          | 99       |          |   |          |          |          |          |          |  |           |          | $\top$ | 149        |          |           | Ī        |
|          | 50               | A        |            |   |          |          |  |            |           |            |          |          | 100      |          |   |          |          |          |          |          | 丁  |           |          |        | 150        | $\Box$   |           | Ĺ        |

| Claim        |  |              |  | -        | Ċ  | Date         |  |  | _  | $\neg$         |
|--------------|--|--------------|--|----------|--|--------------|--|--|--|----------------|
|              |  |              |  |          |  |              |  |  | Г  | $\dashv$       |
| <del>-</del> | nal  |              |  |          |  |              |  |  |  |                |
| Final        | Original   |              |  |          |  |              |  |  |  |                |
| _            | Ō  |              |  |          |  |              |  |  |  |                |
|              | 101  |              | $\vdash$   | _        |  | -            | H  | -  | -  | -              |
|              | 101<br>102   | _            | $\vdash$   | -        |  |              | -  | -  | $\vdash$   | Н              |
|              | 102  | H            |  | -        |  |              |  | ⊢  | -  | H              |
|              | 103  | -            | $\vdash$   |          |  | -            |  | -  | -  | $\dashv$       |
|              | 103<br>104<br>105                                    | $\vdash$     |  |          |  | -            | $\vdash$   |  | ├  | $\dashv$       |
|              | 106  | -            | H  |          | -  |              | $\vdash$   | -  | ┝  | $\dashv$       |
|              | 107  | _            | $\vdash$   | _        |  | <u> </u>     | H  | $\vdash$   |  |                |
|              | 106<br>107<br>108                                    |              |  | -        | -  | _            | $\vdash$   |  | <del> </del>                                     | $\dashv$       |
|              | 109  | H            |  |          |  | <del> </del> | ┝  | _  | <del> </del>                                     | $\dashv$       |
|              | 110  |              |  |          | -  | _            | _  | $\vdash$   | $\vdash$   | $\vdash$       |
|              | 109<br>110<br>111<br>112<br>113                      | $\vdash$     |  | H        | H  | $\vdash$     | -  | -  | <del> </del>                                     | Н              |
|              | 112  |              |  | -        | -  | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | Н              |
|              | 113  |              | Н  | H        |  | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | Н              |
|              | 114  | $\vdash$     | Н  |          |  | $\vdash$     | <del>                                     </del> |  | $\vdash$   | Н              |
|              | 114<br>115   | $\vdash$     |  | Н        | H  | $\vdash$     | $\vdash$   | $\vdash$   | -  | Н              |
|              | 1116   | <del> </del> |  | -        | Н  | ┢─           | Н  | $\vdash$   | $\vdash$   | Н              |
| -            | 117  | $\vdash$     | $\vdash$   | Н        |  | $\vdash$     | $\vdash$   | <u> </u>   | -  | $\vdash\vdash$ |
|              | 117<br>118<br>119                                    | -            | <del> </del>                                     | Н        | $\vdash$   | $\vdash$     | H  | $\vdash$   | $\vdash$   | Н              |
|              | 110  |              | -  | H        | $\vdash$   | $\vdash$     | -  | <u> </u>   | ╁  | $\vdash\vdash$ |
|              | 120  | -            | _  |          | _  | $\vdash$     | -  |  | -  | Н              |
|              | 120<br>121<br>122<br>123<br>124<br>125<br>126<br>127 |              |  | -        | _  |              | _  | -  |  | Н              |
|              | 122  |              |  |          | $\vdash$   |              | -  | -  | _  |                |
|              | 123  | -            |  |          | -  | _            |  | -  |  | H              |
|              | 124  | -            |  |          | _  | -            |  | ⊢  |  | $\vdash$       |
|              | 125  | $\vdash$     | _  | _        |  |              |  | $\vdash$   | $\vdash$   | $\dashv$       |
|              | 126  | $\vdash$     |  |          |  | ┢            | -  |  | -  |                |
|              | 127  |              | H  |          |  |              |  |  | ┢  | Н              |
|              | 128  |              |  |          |  | _            | H  | $\vdash$   | $\vdash$   | $\vdash$       |
|              | 129  |              | $\vdash$   |          |  |              | $\vdash$   |  | <del>                                     </del> | $\dashv$       |
|              | 130  | -            | -  | _        | -  | _            | H  |  |  | H              |
|              | 131  |              | $\vdash$   | _        |  | _            | $\vdash$   | -  |  | $\vdash$       |
|              | 128<br>129<br>130<br>131<br>132                      |              |  |          |  | $\vdash$     | -  | $\vdash$   | $\vdash$   | $\dashv$       |
|              | 133  | <u> </u>     |  | $\vdash$ |  | <b>-</b>     | $\vdash$   | <del>                                     </del> | <del>                                     </del> | $\dashv$       |
|              | 133<br>134   | Ι-           | $\vdash$   | Н        | Н  | <u> </u>     | $\vdash$   | $\vdash$   | $\vdash$   | Н              |
|              | 135  | <del>-</del> | <del>                                     </del> | Т        | _  | Н            |  | _  | <del>                                     </del> | $\dashv$       |
|              | 136<br>137<br>138                                    |              | $\vdash$   |          |  | $\vdash$     | $\vdash$   | _  | $\vdash$   | Н              |
|              | 137  |              |  | Т        |  | $\vdash$     |  | $\vdash$   | $\vdash$   | Н              |
|              | 138  |              |  | М        |  | $\vdash$     | <u> </u>   |  | $\vdash$   | Н              |
|              | 139  |              | Н  |          | П  | $\vdash$     | Ι  | Т  | $\vdash$   | Н              |
| -            | 139<br>140   | _            |  | $\vdash$ |  | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | Н              |
|              | 141  | $\vdash$     | $\vdash$   | Н        | Н  | $\vdash$     | Н  | $\vdash$   | $\vdash$   | $\vdash$       |
|              | 142  | $\vdash$     | _  |          | _  | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | $\dashv$       |
|              | 143  |              |  | Н        | П  | $\vdash$     | Ι  | $\vdash$   | $\vdash$   | $\dashv$       |
|              | 144  |              | Н  | Н        |  | Н            | ┪  |  | $\vdash$   | Н              |
|              | 145  | Т            | $\vdash$   |          |  | $\vdash$     | $\vdash$   |  | $\vdash$   | $\dashv$       |
|              | 146  | $\vdash$     | $\vdash$   | _        | $\vdash$   | <del> </del> | $\vdash$   | -  | $\vdash$   |                |
|              | 147  | $\vdash$     | $\vdash$   |          | Н  | ┢═           | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$       |
|              | 148  | -            | <del> </del>                                     |          | -  | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | $\dashv$       |
|              | 149  | Н            | -  |          | <del>                                     </del> | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | Н              |
|              | 150  | -            | $\vdash$   |          | H  | ├-           | $\vdash$   | $\vdash$   | $\vdash$   | $\dashv$       |
|              |  |              |  |          |  | Ц            | Ц_   | L  |  | ш              |